next communication to socileant.

SC12752TP

[x]Please type a plus sign (+) inside this box Substitute for form 1449A/PTO Complete If Known 10/687,271 Application Number INFORMATION DISCLOSURE Filing Date October 16, 2003 STATEMENT BY APPLICANT First Named Inventor Olubunmi O. Adetutu et al. Group Art Unit 2813 (use as many sheets as necessary) Examiner Name Laura M. Schillinger Sheet Attorney Docket Number SC12752TP U. S. PATENT DOCUMENTS Examiner Cite No. U.S. Patent Document Name of Patentee or Applicant Date of Publication of Pages, Columns, Lines, Where Relevant Initials Number Kind Code<sup>1</sup> of Cited Document **Clted Document** Passages or Relevant Figures Appear (II known) MM-DD-YYYY BA 5,308,601 Hampden-Smith et al. 05/03/1994 BB 5,972,804 Tobin et al. 10/26/1999 BC 6,350,643 BI 02/26/2002 Hintermaier et al. BD 6,486,080 **B2** Chooi et al. 11/28/2002 BE 6,500,735 82 Ususa 12/31/2002 BF 6,544,900 **B2** Raaijmakers et al. 04/08/2003 FOREIGN PATENT DOCUMENTS Cite No. Foreign Patent Document Date of Publication Peges, Columns, Lines, Name of Patentee or Office Applicant of Cited of Cited Document Where Relevant Passages or Kind Code Number 4 Cocument MM-DD-YYYY Relevant Figures Appear (il knovn) BG JP 10/01/1988 63-23635 Masanobu Examiner aue 06 Signature Considered Considered Mother or not classion is in conformation with MPEP 609. Oran line through citation, if not in conformatice and for considered. Include capy of this form with Signature

\*Unique citation designation number. \* See Kinds of U.S. Patent Documents. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese potent documents, the Indication of the year of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 If possible. \* Applicant is to place a check mark have if English Language Translation is attached.

SC12752TP

this box.						
Substitute for form 1449A/PTO		Completo if Known				
	Application Number	10/887,271				
LOSURE	Filing Dats	October 16, 2003				
STATEMENT BY APPLICANT		Oluburimi O. Adetutu et el.				
	Group Art Unit	2813				
(use as many sheets as necessary)		Laura M. Schillinger				
of	Attorney Docket Number	SC12752TP				
	tris box.  TO  LOSURE PLICANT  PSSL()	Application Number  LOSURE Filing Data  PLICANT First Named Inventor  Group Art Unit  Examiner Name				

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), tile of the article (when appropriate), tile of the item (book, magazine, journal, serial, symposium, calalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Ta
XI.	ВН	Byeong-Ok Cho et al., "Tuning the Electrical Properties of Zirconium Oxide Thin Films," Applied Physics Letters, February 11, 2002, Vol. 80, No. 6, pp. 1052-1054.	
	ВІ	A. L. P. Rotondaro, et al., "Advanced CMOS Transistors with a Novel HfSiON Gate Dielectric," 2002 Symposium on VLSI Technology Digest of Technical Papers, Section 15.2.	
	BJ	Yuji Saito, et al., "Advantage of Radical Oxidation for Improving Reliability of Ultra-Thin Gate Oxide," 2002 Symposium on VLSI Technology Digest of Technical Papers.	
Lu	BK	M. Togo, et al., "Low-Leakage and Highly-Reliable 1.5 nm SiON Gate-Dielectric Using Radical Oxynitridation for Sub-0.1 μm CMOS," 2000 Symposium on VLSI Technology Digest of Technical Papers.	
		·	

Examiner Signature	haeeia	Schul	Dale Considered	1/22/06	
EXAMINER: Initial II		not citation is in conformation with MPEP 609. D	raw line through citation, if not	in conformance and not considered. I	natural copy of this form with

<sup>\*</sup> Unique citation designation number. \* Applicant is to place a check mark here if English Language Translation is attached

INTERNATION PROCESSION		Application Number			10/687 2,71				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			L	Filing Date			Gencurrently Herewith 10 16 03		
			L	First Named Inventor			Olubunmi O. Adetutu		
			F	Group Art Unit			2813		
(use as many sheets as necessary)				Examiner Name					
Sheet		of		Attorney Doc	ket Numt	per	SC12752T	P	
			S DATE	NT DOCUM	AENTS				
Examiner	Cite No. 1			ation Date		ne of Patentee or A	policont	Pages, Columns, Lines, Where	Dolovost
Initials*	One no.	Number -Kind Code² (if known)		D-YYYY	IVali	of Cited Docume	ppiicant .	Passages or Relevant Figures	
		Transport train Code (in Michil)	•••••			01 01100 00001110	···	1 assages of Ficieralit Figures	тфрош
					-			· · · · · · · · · · · · · · · · · · ·	
	<del>-</del>								
	-				<b></b>				
	`			,					
į.									
					<b></b>				<del></del>
-			_		<del>                                     </del>				
ļ		<del></del>			<b>—</b>				
					$\vdash$	<u> </u>			
					İ				
1	ļ								
	<u> </u>				-				
	<u> </u>				L				
			EIGN PA	TENT DOC		<u>s</u>			
Examine	Cite No. 1	Foreign Patent Document		Publication		Name of Pat		Pages, Columns, Lines,	T 6
1	i	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>2</sup>	(if	MM-DD-YYYY Applicant of Cite		d Document		1	
Initials*		known)				1		Relevant Figures Appear	
<b></b>				<del> </del>				<del></del>	
				ļ		1			
						1			
1				ì					
				1					1
				1				† · · · · · · · · · · · · · · · · · · ·	<del>- </del>
1	<del></del>		<del></del>	<u> </u>		<del> </del>	<del></del>		
<b></b>	ļ								
					<u> </u>				
	L			<u> </u>					
				Ţ		1		<del></del>	
				ERATURE					
Examiner	Cite No.		PITAL LET	TERS), title (	of the arti	cle (when appropria	ate), title of t	ne item (book, magazine, journal,	L <sub>5</sub>
Initials*	1	serial, symposium, catalog, e	tc.), date,	page(s), volu	me-issue	number(s), publish	ner, city and/o	or country where published.	
				•					
12/1	AA	Al-Shareef et al., "Device Perf	formanc	e of in-situ	Steam	Generated Gat	e Dielectri	c Nitrided by Remote	
X		Plasma Nitridation," Applied F	Physics I	L <i>etters</i> , Jur	ne 11, 2	001, Vol. 78, N	o. 24, pp. 3	3875-3877/	
1	AB	Nicollian et al., "Extending Re							
IVI	1 -	2000, pp. 545-548.		- , , <b></b> -					
10.	AC	Tseng et al., "Ultra-Thin Deco	unled D	laema Nitri	dation /	DPNI) Osyniteid	a Gata Dia	alactric for 80-pm Advanced	+-
1 X/	1~								
W ~	<u> </u>	Technology," IEEE Electron D	vevice L	eners, Dec	ember :	2002, VOI. 23, N	10. 12, pp.	/04-/00.	
Examiner	1 1			<del></del>	Tr	Date	, ,		
Signature		ALLIA SALL	LIS	ر		Considered		<b>λ</b> λ6	
	itial if reference	considered, whether or not citation is in conformal	nce on A M	PEP 609 Draw			oformance and		n with
	ation to applicant				5	y			

Complete if Known

¹ Unique citation designation number. ² See Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant is to place a check mark here if English Language Translation is attached.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.